## CLAIMS

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- 1. A gas generant composition comprising a nitrogen-containing organic compound, an oxygen-containing inorganic oxidizer, and a third component of at least one selected from the following (1) through (4):
- (1) manganese dioxide having a specific surface area not less than 50  $m^2/g$ ;
- (2) copper oxide having a specific surface area not less than  $1 \text{ m}^2/\text{g}$ ;
  - (3) a molybdenum compound of at least one selected from the group consisting of molybdenum dioxide, molybdenum trioxide, molybdic acid and ammonium molybdate; and
  - (4) a mixture of manganese dioxide and at least one metal oxide selected from the group consisting of copper oxides, cobalt oxides, iron oxides and silver oxides.
  - 2. The composition according to claim 1 wherein the third component is (1) mentioned above and has a specific surface area from 100 m $^2/g$  to 300 m $^2/g$ .
- 3. The composition according to claim 1 wherein the third component is (1) mentioned above is contained in an amount of 1 through 40% by weight of the composition.
  - 4. The composition according to plaim 1 wherein the third component is (2) mentioned above and has a specific surface area from 1.5  $m^2/g$  to 100  $m^2/g$ .
  - 5. The composition according to claim 1 wherein the third component is (2) mentioned above and has an average

particle size not more than 5 microns.

- 6. The composition according to claim 1 wherein the third component is (2) mentioned above and has an average particle size from 0.5 microns to 5 microns.
- 7. The composition according to claim 1 wherein the third component is (2) mentioned above is contained in an amount of 1 through 40% by weight of the composition.
- 8. The composition according to claim 1 wherein the third component is (3) mentioned above is contained in an amount of 1 through 40% by weight of the composition.
- 9. The composition according to claim 1 wherein the metal oxide is at least one selected from the group consisting of Cu<sub>0</sub>, Cu<sub>2</sub><sub>0</sub>, Co<sub>3</sub>O<sub>4</sub>, Fe<sub>2</sub>O<sub>3</sub> and Ag<sub>2</sub>O.
- 10. The composition according to claim 1 wherein the third component is (4) mentioned above and the ratio of manganese dioxide to the metal oxide by weight is 0.2 through 50.
- 11. The composition according to claim 1 wherein the third component is (4) mentioned above is contained in an amount of 1 through 40% by weight of the composition.
- 12. The composition according to claim 1 wherein the nitrogen-containing organic compound is at least one selected from the group consisting of organic compounds containing amino group or amido group and tetrazole derivatives.
- 13. The composition according to claim 12 wherein the organic compound containing amino group or amido group is azodicarbonamide or dicyandiamide.

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- 14. The composition according to claim 12 wherein the tetrazole derivative is aminotetrazole.
- 15. The composition according to claim 1 wherein the oxygen-containing inorganic oxidizer is at least one selected from the group consisting of  $KNO_3$ ,  $Sr(NO_3)_2$  and  $KClO_4$ .
- 16. The composition according to claim 1 wherein the oxygen-containing inorganic oxidizer is a mixture of  ${\rm Sr(NO_3)_2}$  and  ${\rm KClO_4}$ .
- 17. The composition according to claim 1 wherein the nitrogen-containing organic compound is azodicarbonamide and the oxygen-containing inorganic oxidizer is KClO<sub>4</sub>.
  - 18. The composition according to claim 1 wherein the third component is (1) mentioned above.
  - 19. The composition according to claim 1 wherein the third component is (2) mentioned above and has a specific surface area not less than 1 m<sup>2</sup>/g and an average particle size not more than 5  $\mu$ .
  - 20. The composition according to claim 1 wherein the third component is (3) mentioned above.
- 20 21. The composition according to claim 1 wherein the third component is (4) mentioned above.
  - 22. The composition according to claim 1 wherein two or more third components are contained.
- 23. The composition according to claim 1 wherein two or more third components are contained in an amount of 1 through 40% by weight of the composition.
  - 24. An airbag system wherein the composition according

to claim 1 is contained as the gas generant.

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